

**HUGHES
SERVICE INFORMATION
NOTICE**

FAA APPROVED

SUBJECT: INSPECTION AND RELOCATION OF FUEL FILTER
PRESSURE SWITCH PN 369H8144

MODELS AFFECTED: 369HS Helicopter Serial Numbers:

0601 thru 0649	0672 thru 0764	0688 thru 0689
0651 thru 0660	0676 thru 0677	0692
0663 thru 0667	0679	0694 thru 0695
0669 thru 0670	0682 thru 0685	0697 and 0699

369HM Helicopter Serial No. 0254M

All other Helicopters modified with a 250-C20 Engine Installation Kit (M50031) or having a replacement engine with an Allison PN 6876721 Single Element Fuel Pump and Filter Assembly installed.

TIME OF COMPLIANCE: Prior to the next flight.

PREFACE: This Service Information Notice contains instructions for a one time inspection for correct location of the fuel filter pressure switch used on single element engine fuel pumps and corrective action, if required. An incorrect switch configuration will cause an inoperative fuel filter caution light.

Reference

369 Series - Basic HMI, Issued 1 October 1972, Revision No. 4, 15 December 1974

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PARTS LIST (If Required)

<u>Nomenclature</u>	<u>Part Number</u>	<u>Qty</u>	<u>Manufacturer</u>
Fitting	369H8020	1	HH
Packing (O-ring)	MS29512-03	3	Commercial
Packing (O-ring)	MS29512-02	1	Commercial
Bushing	AN894-3-2	1	Commercial
Reducer	AN919-0C	1	Commercial

The installation shown in figure 1 is correct for the affected helicopters and will appear in the next revision of the 369 Series Basic HMI.

- a. Check that all electrical power is OFF and gain access to the engine accessory section.
- b. Check the fuel filter pressure switch hose installation for conformity with the exploded view shown in figure 1. Note that the correct fuel filter pressure switch location is in the filter port furthest from the starter-generator.
- c. If the installation is the same as that shown in the figure, no maintenance action is required.
- d. If the installation is not the same, reinstall or modify as shown; then perform an operational check of the system.

NOTE

If parts are required and are not readily available, the fuel filter pressure switch may be temporarily installed as shown for the BEFORE FILTER CONFIGURATION in Hughes Notice HN-85.1. Note that this installation may be affected by magnetic field interference from the generator.

- e. Record compliance with this Service Information Notice in compliance section of helicopter Log Book.

WEIGHT AND BALANCE

Weight and balance not affected.

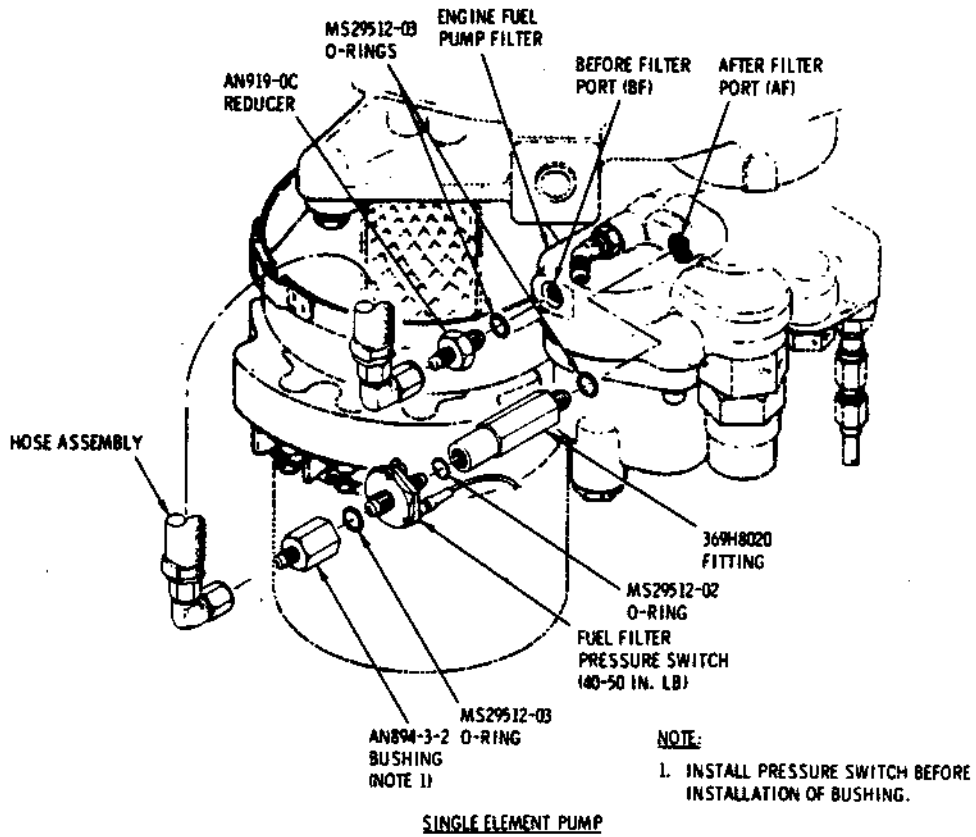


Figure 1. Fuel filter pressure switch installation